

## CLAIMS

1. A method for selecting an appropriate threshold for a motor vehicle tire pressure monitoring system in dual placard pressure recommendation applications, comprising the steps of:

detecting tire pressure;

5        determining whether a first threshold appropriate for a high placard pressure recommendation is selected;

determining whether the tire pressure is above a predetermined calibration pressure;

selecting the first threshold if the first threshold was not selected

10      and the tire pressure is above the calibration pressure;

signaling in response to detection of tire pressure below the first threshold and the first threshold has been selected;

entering into a learn mode during said step of signaling in response to a manual selection of the learn mode; and

15        selecting a second threshold appropriate for a low placard pressure recommendation in response to entry into the learn mode and detection of a tire pressure below the calibration pressure.

2. The method of Claim 1, wherein said step of detecting comprises:

detecting individual tire pressure of each rear tire of the motor vehicle.

3. The method of Claim 2, wherein said second step of determining and said first step of selecting comprise:

determining whether the tire pressure in each and every rear tire of the motor vehicle is above the predetermined calibration pressure; and

5        selecting the first threshold if the first threshold was not selected and the tire pressure of each and every rear tire of the motor vehicle is above the calibration pressure.

4. The method of Claim 3, wherein the detection of said second step of selecting comprises:

detection of tire pressure of each and every rear tire of the motor vehicle below the calibration pressure.

5. The method of Claim 4, wherein said calibration pressure comprises:

a selected pressure between the first threshold and the high placard pressure recommendation.

6. A method for implementing a motor vehicle tire pressure monitoring system in dual placard pressure recommendation applications, comprising the steps of:

detecting tire pressure;

5        determining whether a first threshold appropriate for a high placard pressure recommendation is selected;

determining whether the tire pressure is above a predetermined calibration pressure;

10      selecting the first threshold if the first threshold was not selected and the tire pressure is above the calibration pressure;

signaling in response to detection of tire pressure below the first threshold and the first threshold has been selected;

entering into a learn mode during said step of signaling in response to a manual selection of the learn mode;

15      selecting a second threshold appropriate for a low placard pressure recommendation in response to entry into the learn mode and detection of a tire pressure below the calibration pressure; and

signaling in response to detection of tire pressure below the second threshold.

7. The method of Claim 6, wherein said step of detecting comprises:

detecting individual tire pressure of each rear tire of the motor vehicle.

8. The method of Claim 7, wherein said second step of determining and said first step of selecting comprise:

determining whether the tire pressure in each and every rear tire of the motor vehicle is above the predetermined calibration pressure; and

5           selecting the first threshold if the first threshold was not selected and the tire pressure of each and every rear tire of the motor vehicle is above the calibration pressure.

9. The method of Claim 8, wherein the detection of said second step of selecting comprises:

detection of tire pressure of each and every rear tire of the motor vehicle below the calibration pressure.

10. The method of Claim 9, wherein said calibration pressure comprises:

a selected pressure between the first threshold and the high placard pressure recommendation.